JVC

MICRO COMPONENT SYSTEM

UX-GP5

—Consists of CA-UXGP5 and SP-UXG300

Made for iPod

COMPACT DISC DIGITAL AUDIO

MP3/WMA

Thank you for purchasing a JVC product.

INSTRUCTIONS

GVT0242-019B[J/C]
0108WMKMDWJMM

EN

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For customer use:
Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.
Model No.
Serial No.

For U.S.A.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

Warnings, Cautions and Others
Mises en garde, précautions et indications diverses

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

ATTENTION
RISQUE D'ÉLECTROCUTION
NE PAS OUVRIR
ATTENTION: POUR ÉVITER TOUT RISQUE D'ÉLECTROCUTION, NE PAS OUVRIR LE BOÎTIER.
AUCUNE PIÈCE INTÉRIEURE N'EST À RÉGLER PAR L'UTILISATEUR. SE RÉFÉRER À UN AGENT QUALIFIÉ EN CAS DE PROBLÈME.

Le symbole de l'éclair à l'intérieur d'un triangle équilatéral est destiné à alerter l'utilisateur sur la présence d'une "tension dangereuse" non isolée dans le boîtier du produit. Cette tension est suffisante pour provoquer l'électrocution de personnes.
Le point d'exclamation à l'intérieur d'un triangle équilatéral est destiné à alerter l'utilisateur sur la présence d'opérations d'entretien importantes au sujet desquelles des renseignements se trouvent dans le manuel d'instructions.

Note to CATV system installer:
This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

[European Union only]
[Union européenne seulement]

IMPORTANT FOR LASER PRODUCTS
1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover or cabinet. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

IMPORTANT POUR PRODUITS LASER
1. PRODUIT LASER CLASSE 1
2. **ATTENTION:** N'ouvrez pas le couvercle supérieur ni le coffret de l'appareil. Il n'y a aucune pièce réparable par l'utilisateur à l'intérieur de l'appareil; confiez toute réparation à un personnel qualifié.
3. **ATTENTION:** Rayonnement laser visible et/ou invisible de classe 1M une fois ouvert. Ne pas regarder directement dans le faisceau avec des instruments optiques.
4. REPRODUCTION DE L'ÉTIQUETTE: ÉTIQUETTE DE PRÉCAUTION PLACÉE À L'INTERIEUR DE L'APPAREIL.

CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. (CDRH)
ATTENTION
RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M EN CAS D'OUVERTURE. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FDA)
AVISO
RADIACION LASER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL OPTICO. (IEC)
WARNING
SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING KLASS 1M NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (IEC)
注意
CLASS 1M 可視および/または不可視レーザー放射 開いたときに 光学機器で直接 見ないこと (IEC)
CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1 LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (CDRH)
LA4405-008A

CAUTION:
Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

For Canada/pour le Canada:
THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED "DIGITAL APPARATUS," ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS.
CET APPAREIL NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIOELECTRIQUES APPLICABLES AUX APPAREILS NUMIRIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR: "APPAREILS NUMERIQUES", NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

Caution — ⏻/I (Standby/on) button!
Disconnect the mains plug to shut the power off completely (the STANDBY lamp goes off). When installing the apparatus, ensure that the plug is easily accessible. The ⏻/I (Standby/on) button in any position does not disconnect the mains line.
- When the system is on standby, the STANDBY lamp lights red.
- When the system is turned on, the STANDBY lamp goes off. The power can be remote controlled.

ATTENTION—Touche ⏻/I (attente/sous tension)!
Déconnectez la fiche secteur pour mettre l'appareil complètement hors tension (le témoin STANDBY s'éteint). Lors de l'installation de l'appareil, assurez-vous que la fiche soit facilement accessible. La touche ⏻/I (attente/sous tension) dans n'importe quelle position ne déconnecte pas l'appareil du secteur.
- Quand l'appareil est en mode d'attente, le témoin STANDBY est allumé en rouge.
- Quand l'appareil est sous tension, le témoin STANDBY s'éteint.

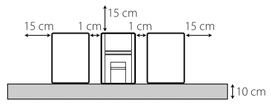
L'alimentation peut être commandée à distance.

CAUTION
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

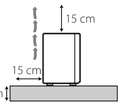
ATTENTION
Afin d'éviter tout risque d'électrocution, d'incendie, etc.:
1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

CAUTION: Proper Ventilation
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
1. Front: No obstructions and open spacing.
2. Sides/Top/Back: No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

Front view



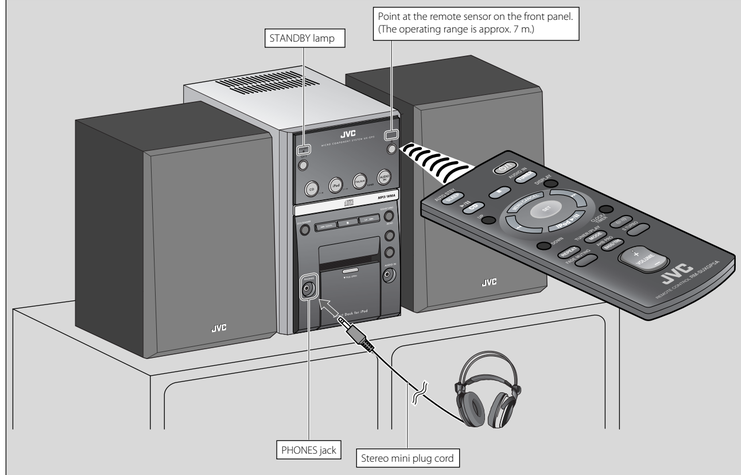
Side view



CAUTION:
- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Excessive sound pressure from earphones or headphones can cause hearing loss.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Basic and Common Operations


Point at the remote sensor on the front panel. (The operating range is approx. 7 m.)
STANDBY lamp
PHONES jack
Stereo mini plug cord

How to cancel the demonstration
Press and hold DEMO button while on standby. (Refer to the attached "Information about the demonstration function.")

Using Headphones
Be sure to turn down the volume before connecting or putting on the headphones.
- Connecting the headphones will deactivate the speakers.
- Sound adjustments also affect the sound through the headphones.

NOTE:
DO NOT turn off (standby) the System with the volume set to an extremely high level; otherwise, the sudden blast of sound can damage your hearing, speakers and/or headphones when you turn on the System or start playback.

To	Press: System	Press: Remote	Indication/Result
Turn on or off (standby) the power	⏻/I	⏻/I	The STANDBY lamp on the System turns off/on.
Select a source	CD	►/II CD	See "Playing Back a Disc" on page 4 and "Listening to an iPod" on page 5.
	iPod	iPod ►/II	
	FM/AM	AUDIO IN TUNER	Press repeatedly to select "FM" or "AM." • For "FM/AM," see "Listening to FM and AM Broadcasts" on page 5.
	AUDIO IN	AUDIO IN TUNER	See "Listening to Digital Audio Player" on page 5.
Adjust the volume	VOLUME + / −	+ VOLUME −	Adjustable range: Level 0 ("VOL MIN") to level 40 ("VOL MAX").
Drop the volume in a moment	—	FADE MUTING	**To restore the volume,** press again, or adjust the volume level.
Activate the EALA surround mode	—	(( ))	The (( )) indicator lights up. **To cancel this function,** press repeatedly until (( )) indicator lights off.
Emphasize the sound (Sound Turbo function)	SOUND TURBO / DEMO	S.TURBO	The S.TURBO indicator lights up. **To cancel this function,** press again.
Reinforce the bass sound (Active Hyper Bass Pro function)	—	AHB PRO BASS/TRE	Press and hold until the AHB indicator lights up. • When Sound Turbo function is activated (see above), this function cannot be activated. **To cancel this function,** press and hold again when Sound Turbo function is deactivated.
Adjust the tone (Bass/Treble)	—	AHB PRO BASS/TRE, then + VOLUME −	Press once for adjusting the bass level; twice for treble level, then, press VOLUME +/–. Adjustable range: –3 to +3.
Change the display brightness	ECO DIMMER	—	You can dim the display window and illumination lamp. While the System is turned on... ► DIM 1 ► DIM 2 ► DIM OFF ► (Canceled)
Change the display information (Clock and Source)	—	DISPLAY	For setting the clock, see "Setting the Clock and Using Timers" on page 6.
Set the Save Mode	ECO DIMMER	—	Press when the System is on standby. Setting the save mode allows you to reduce power consumption by turning the display off while on standby. **To cancel this function,** press again when the System is on standby.

Getting Started

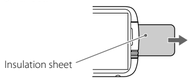
Supplied Accessories

After unpacking, check to be sure that you have all the following items.
- Remote control, RM-SUXGP5A (× 1)
- Lithium coin battery CR2025 (× 1)
  – The battery has been installed when shipped from the factory.
- AM loop antenna (× 1)
- FM antenna (× 1)

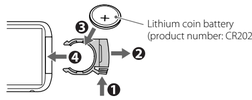
If anything is missing, consult your dealer immediately.

Prepare the Remote Control

When you use the remote control for the first time, pull out the insulation sheet.



To Replace the Battery in the Remote Control



NOTES:
- *Store the battery in a place where children cannot reach. If a child accidentally swallows the battery, consult a doctor immediately.*
- *To prevent the battery from over-heating, cracking, or starting a fire:*
  – Do not recharge, short, disassemble or heat the battery or dispose of it in a fire.
  – Do not leave the battery with other metallic materials.
  – Wrap the battery with tape and insulate when throwing away or saving it.
  – Do not poke the battery with tweezers or similar tools.
- *Dispose of battery in the proper manner, according to federal, state, and local regulations.*
- *The batteries (battery pack or batteries installed) shall not be exposed to excessive heat source such as sunshine, fire or the like.*

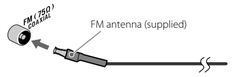
For USA-California Only
This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material – special handling may apply.
See www.dtsc.ca.gov/hazardouswaste/perchlorate

CAUTION:
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

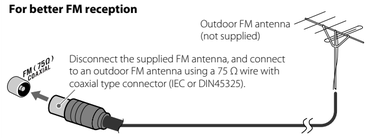
Connections

Do not connect the AC power cord until all other connections have been made.

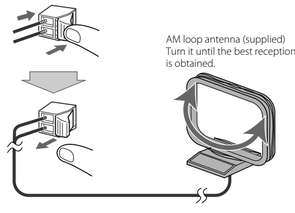
To connect the FM antenna (supplied)
Extend it so that you can obtain the best reception.



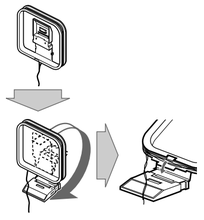
For better FM reception


Outdoor FM antenna (not supplied)
Disconnect the supplied FM antenna, and connect to an outdoor FM antenna using a 75 Ω wire with coaxial type connector (IEC or DIN45325).

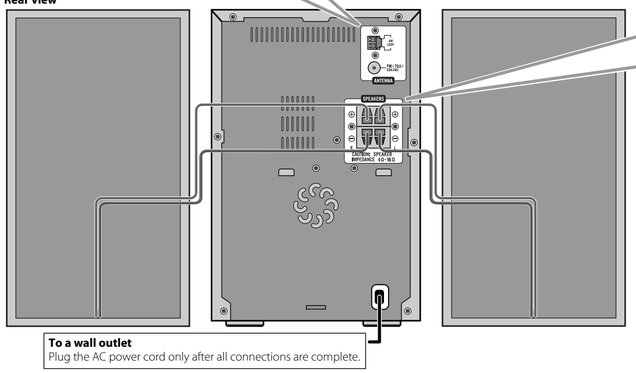
To connect the AM loop antenna (supplied)



To assemble the AM loop antenna

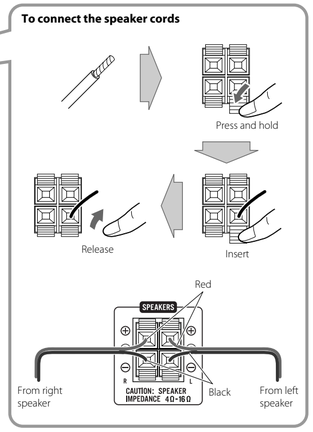


Rear view



To a wall outlet
Plug the AC power cord only after all connections are complete.

To connect the speaker cords



NOTES:
- *Make sure the antenna conductors do not touch any other terminals, connecting cords and power cord. Also, keep the antennas away from metallic parts of the System, connecting cords, and the AC power cord. This could cause poor reception.*
- *Make sure both the speakers are connected correctly and firmly.*
- *When connecting the speaker cords, match the polarity of the speaker terminals: red color to (+) and black color to (–).*
- *DO NOT connect more than one speaker to each terminal.*
- *DO NOT allow the conductor of the speaker cords to be in touch with the metallic parts of the System.*

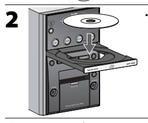
Playing Back a Disc

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

This System can play back...
– CD.
– CD-R/CD-RW recorded in audio CD format (CD-DA) or recorded MP3/WMA files in ISO 9660 format.
- When playing back an MP3 or WMA track, MP3 or WMA indicator lights up.

Loading a Disc (on the System only)

1 ⏏ Press to open the disc tray.

2 
- When using an 8 cm disc, place it on the inner circle of the disc tray.

3 ⏏ Press to close the disc tray.

Prohibiting Disc Ejection (on the System only)

You can lock the disc tray so that no one can eject the loaded disc.
- This is possible while the System is on standby.

■ + ⏏ To cancel the prohibition, repeat the same procedure.

Basic Disc Operations

To	Press	Indication/Result
Play back the disc	►/II CD	• Current track number and elapsed playing time appear. For MP3/WMA files: Before current track number and elapsed playing time appear, the tag information appears if it is recorded. • During playback, press again to pause.
Stop playback	■	• While playback is stopped, total track number and total playing time (for MP3/WMA files, group number and track number) appear.
Select a track	►►I	Select the next tracks.
	I◄◄	To go back to the beginning of the current or previous tracks.
Select a group (MP3/WMA only)	UP	Select the next groups.
	DOWN	Select the previous groups.
Forward search/ Reverse search	►►	Press and hold to fast-forward the track during playback. **To stop searching,** release the button.
	◄◄	Press and hold to fast-reverse the track during playback. **To stop searching,** release the button.

NOTES:
- *If no disc is inserted, "NO DISC" appears on the main display.*
- *If MP3/WMA files are not recorded on the disc, "NO PLAY" appears on the main display.*

Playing Repeatedly—Repeat Play

1 REPEAT Press repeatedly to specify the repeat mode as follows:
► REP TRK ► REP GRP ► REP ALL ► REP OFF ┐
REP TRK: Repeats the current (or specified) track. [↻1]
REP GRP: Repeats all tracks in the current group (MP3/WMA only). [↻]
REP ALL: Repeats all tracks. [↻ ALL]
REP OFF: Normal playback

2 ►/II CD

Programming the Playing Order—Program Play

1 TUNER/PLAY MODE During stops, press until the PRGM (program) indicator lights up before playing.

2 UP / Or / DOWN
- For MP3/WMA files: Select a group number, then a track number.
- For CD: Select a track number.

3 SET Press to program the selected group/track.

4 Repeat steps **2** and **3** to program other tracks you want.
- If you try to program a 51st track, "FULL" will appear.

5 ►/II CD The tracks are played back in the programmed order.

Operations for Program Play (while not playing)
- **To check the programmed contents,** press I◄◄ or ►►I.
- **To add tracks,** repeat steps **2** and **3** above.
- **To erase the last programmed track,** press CANCEL.
- **To erase the entire program,** press and hold CANCEL for about 2 seconds.
- **To exit from program play,** press MODE.
  – The stored program is kept.

Playing at Random—Random Play

1 TUNER/PLAY MODE Press until the RND (random) indicator lights up before you start playback.

2 ►/II CD Playback starts in random order.
Random Play ends when all tracks are played back.

Operations for Random Play
- **To skip a track,** press ►►I.
- **To go back to the beginning of the current track,** press I◄◄.
- **To exit from random play,** press MODE while playback is stopped.

RESUME Play (For MP3/WMA only)
When you stop the playback by one of the following operations, this System stores the beginning of the stopped track on the disc.
– Pressing ■ once
– Changing the source

When you start playback again, playback starts from the stored position.
To clear the stored position, open the disc tray.
- When you clear the stored position and start playback, playback starts from the beginning of the first track.

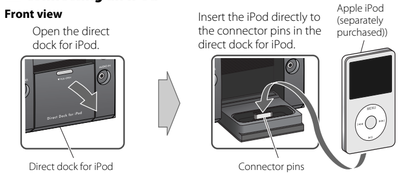
NOTE:
This function does not work in Program Play and Random Play.

Listening to an iPod

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

Connecting an iPod

Front view


Open the direct dock for iPod.
Insert the iPod directly to the connector pins in the direct dock for iPod.
Apple iPod (separately purchased))
Direct dock for iPod
Connector pins

- Be sure to reduce the volume on the System to the minimum level before connecting an iPod. Adjust the volume after starting playback.
- DO NOT connect or disconnect the iPod when the System is turned on.
- You cannot send any data to your iPod from the System.
- Do not carry the System with iPod dock open and iPod is connected. You might drop it or it might cause damages to the iPod dock.
- Do not touch or hit the iPod terminal pins or connector pins in the iPod dock directly. It might cause damages to the connector part.

Basic iPod Operations

To	Press	Indication/Result
Play back an iPod	iPod ► II	The System detects the iPod and starts playback. • **To turn off the iPod,** press and hold for more than 2 seconds.
Select a track	⏭	Select the next tracks. • Press and hold to fast-forward the track during playback. **To stop searching,** release the button.
	⏮	To go back to the beginning of the current or previous tracks. • Press and hold to fast-reverse the track during playback. **To stop searching,** release the button.
Change the charge mode (on the System only)	■	Press and hold while "iPod" is selected as the source. To select the charge mode: ► P. ON → P. OFF ┐ **P. ON:** The battery in the iPod is charged through the iPod terminal when "iPod" is selected as the source or during Standby Mode. **P. OFF:** The battery is not charged.

To	Press	Indication/Result
Display the menu/ Go back to the previous menu	MENU/CANCEL	—
Select an item on the menu	UP or DOWN, SET	• The UP/DOWN buttons work in the same way as operating the iPod's click wheel counterclockwise/clockwise. (Refer to the iPod's instruction manual for details.)
Play back at random	TUNER/DISPLAY MODE	• Refer to the iPod's instruction manual for details.
Play back repeatedly	REPEAT	• Refer to the iPod's instruction manual for details.
Turn on iPod's backlight	DISPLAY	Press and hold for 2 seconds.

Listening to FM and AM Broadcasts

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

Basic Tuner Operations

To	Press	Indication/Result
Select FM or AM	AUDIO IN/TUNER	Press repeatedly. • The selected frequency band appear.
Select a frequency	⏮ or ⏭	Press and hold for more than 2 seconds. The System starts searching for stations and stops when a station of sufficient signal strength is tuned in. • If an FM program is broadcast in stereo, the S (stereo) indicator lights up (only when the reception is good). • Press during searching to stop. • Press repeatedly to change the frequency step by step.
Tune in to a preset station	UP or DOWN	Press to select its preset number. • For presetting stations, see below.
Change the FM reception mode (When an FM stereo broadcast is hard to receive)	TUNER/PLAY MODE	Press to improve reception. The M (mono) indicator lights up. Stereo effect will be lost. **To restore the stereo effect,** press again.

Presetting Stations

You can preset 30 FM and 15 AM stations manually.

1 Tune in to a station you want to preset.
- You can also store the FM reception mode.

2 SET — Press to activate the preset number entry mode.
- Finish the following steps while the indication on the display is flashing.

3 UP or DOWN — Press to select a preset number for the station you want to store.

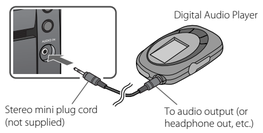
4 SET — Press to store the station.

Listening to Digital Audio Player

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

Listening to Digital Audio Player

Front view



1 VOLUME + – — Turn the volume to minimum.

2 AUDIO IN/TUNER — Press repeatedly to select "AUDIO IN."

3 Start playing the Digital Audio Player connected.

4 Adjust the volume.

To Adjust the Audio Input Level

If the sound from the Digital Audio Player connected to the AUDIO IN jack is too loud or too quiet, you can change the audio input level through the AUDIO IN jack (without changing the volume level).

SET — Press and hold for more than 2 seconds while "AUDIO IN" is selected as the source.
You can select one of three levels as follows:
► IN_LVL1 → IN_LVL2 → IN_LVL3 ┐
As the number increases, the sound becomes louder.

Learning More about This System

Basic and Common Operations (see page 3)
- Pressing one of the source buttons also turns on the System and starts playing back if the source is ready or connected.

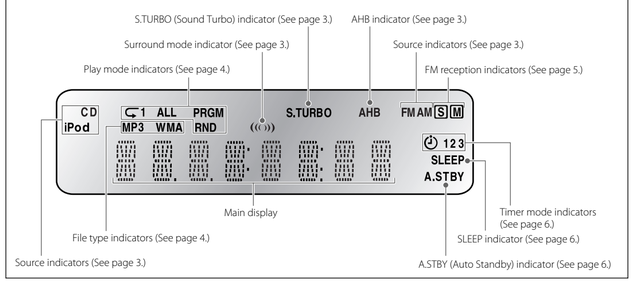
Playing Back a Disc (see page 4)
- This System cannot play "packet write" discs.
- For MP3/WMA playback...
  - In this manual, "file" and "track" are interchangeably used for MP3/WMA operations.
  - This System can show the Tag data (Version 1).
  - MP3/WMA discs are required a longer readout time than regular CDs. (It depends on the complexity of the group/file configuration.)
  - Some MP3/WMA files cannot be played back and will be skipped. This result from their recording processes and conditions.
  - When making MP3/WMA discs, use ISO 9660 Level 1 or Level 2 for the disc format.
  - This System can play back MP3/WMA files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).
  - It is recommended that you make each MP3/WMA file at a sampling rate of 44.1 kHz and at bit rate of 128 kbps. This System cannot play back files made at bit rate of less than 64 kbps.
  - Playback order of MP3/WMA tracks may be different from the one you have intended while recording. If a folder does not include MP3/WMA tracks, they are ignored.
- This System can recognize up to 99 groups in a disc. The total number of groups and tracks (in a disc) that can be recognized by the System is 512 (for MP3/WMA).

Playing Back an iPod (see page 5)
- Compatible iPod:
  - iPod nano 1GB/2GB/4GB
  - iPod nano (2nd Generation) 2GB/4GB/8GB
  - iPod nano (3rd Generation) 4GB/8GB
  - iPod mini 4GB/6GB
  - iPod (4th Generation) 20GB/40GB
  - iPod photo (4th Generation) 20GB/30GB/40GB/60GB
  - iPod video (5th Generation) 30GB/60GB/80GB
  - iPod touch (1st Generation) 8GB/16GB
- If incompatible iPod type is connected, the iPod may not be operated from the System. To enable the operation, before connecting the iPod, switch the charge mode to "OFF" (see page 5) with "iPod" selected as source.
- Sound distortion may occur when playing back audio sources with high recording levels. When distortion occurs, it is recommended to turn off the equalizer of the iPod. For information on operating the iPod, see the iPod instruction manual.

Setting the Clock and Using Timers (see page 6)
- You can set the clock and Daily Timer while the Save Mode is turned on. While setting the clock or Daily Timer, the display is turning on.
- The clock may gain or lose 1 to 2 minutes per month. If this happens, readjust the clock.
- When you unplug the AC power cord or if a power failure occurs, the clock and the timer will be canceled. You need to set the clock first, then the timer again.

Timer Priority:
- If you set the Sleep Timer after Daily Timer starts playing the selected source, Daily Timer is canceled.

Display Information



Troubleshooting

If you are having a problem with your System, check this list for a possible solution before calling for service.

General

Power does not come on.
➡ Power plug is not inserted securely. Plug in securely.

Adjustments or settings are suddenly canceled before you finish.
➡ There is a time limit. Repeat the procedure again.

Operations are disabled.
➡ The built-in microprocessor may malfunction due to external electrical interference. Unplug the AC power cord and then plug it back in.

Unable to operate the System from the remote control.
➡ The path between the remote control and the remote sensor on the System is blocked.
➡ The batteries are exhausted.

No sound is heard.
➡ Speaker connections are incorrect or loose.
➡ Headphones are connected.

The System does not work properly.
➡ Many functions of this System are implemented by microcomputers. If the System does not work correctly, disconnect the AC power cord from the wall outlet, wait for a while, and connect the cord again.

Disc Operations

The disc does not play.
➡ The disc is placed upside down. Place the disc with the label side up.
➡ The disc is recorded with the "packet writing (UDF file system)." It cannot be played. Check the files you want to play back.

MP3/WMA groups and tracks are not played back as you expect.
➡ Playing order is determined when the groups and tracks were recorded. It depends on the writing application.

The disc sound is discontinuous.
➡ The disc is scratched or dirty.

The disc tray does not open or close.
➡ The AC power cord is not plugged in.
➡ Disc ejection is prohibited (see page 4).

iPod Operations

The iPod does not play, but "CONNECT" appears on the display.
➡ The iPod battery is low or exhausted. Charge the iPod battery.

Radio Operations

Hard to listen to broadcasts because of noise.
➡ Antennas connections are incorrect or loose.
➡ The AM loop antenna is too close to the System.
➡ The FM antenna is not properly extended and positioned.
➡ Electrostatic discharge from your body may cause noise. If this happens, turn off and on the System again.

Timer Operations

Daily Timer does not work.
➡ The System has been turned on when the on-time comes. Timer starts working only when the System is turned off.

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iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

Setting the Clock and Using Timers

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

Setting the Clock

Without setting the built-in clock, you cannot use Daily Timer and Sleep Timer.
- "0:00" flashes on the main display until you set the clock.

1 CLOCK TIMER — Press to activate the clock setting mode.

- If you have already adjusted the clock before, press the button repeatedly until the clock setting mode is selected.

2 UP or DOWN, SET — Adjust the hour, then the minute.

- To exit from the clock setting, press CLOCK/TIMER as required.
- To go back to the previous step, press CANCEL.

Setting the Sleep Timer

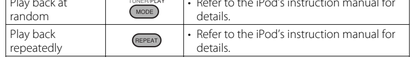
AUTO STBY/SLEEP — When the System is on, press repeatedly to specify the time (in minutes) as follows:
► 10 → 20 → 30 → 60 → 90 → 120 → 150 → 180 ┐
Canceled ◄
The SLEEP indicator lights up.

- To check the remaining time until the System shuts off, press once.

Setting the Daily Timer

Using Daily Timer, you can wake up with your favorite music.
- You can store three Daily Timer settings; however, you can activate only one of the Daily Timers.

1 CLOCK TIMER — Press repeatedly to select one of the timer setting modes you want to set—DAILY 1 ON time, DAILY 2 ON time, or DAILY 3 ON time—as follows:



2 UP or DOWN, SET
① Adjust the hour then the minute for on-time.
② Adjust the hour then the minute for off-time.
③ Select the playback source—"TUNER-FM," "TUNER-AM," "DISC," "AUDIO IN," or "IPOD."
④ For "FM/AM": Select a preset channel.
For "DISC": Select a track. (For MP3/WMA: Select the group, then the track number.).
For "AUDIO IN": Make the connected device ready for playback.
⑤ Select the volume.
- You can select the volume level ("VOLUME 0" (VOL MIN) to "VOLUME 40" (VOL MAX) and "VOLUME – –."). If you select "VOLUME – –," the volume is set to the last level when the System is turned off.

3 ⏻/I — Turn off the System (on standby).
- When the on-time comes, the System sets the volume gradually to the preset level.

- To exit from the timer setting, press CLOCK/TIMER as required.
- To correct a misentry during the process, press CANCEL. You can return to the previous step.

To Turn Off the Daily Timer

① Press repeatedly to select "DAILY 1," "DAILY 2," or "DAILY 3."
② CLOCK TIMER, DISPLAY/CANCEL

To turn on the Daily Timer again, select one of the timer settings by pressing CLOCK/TIMER, then press SET.

Turning Off the System Automatically —AUTO STANDBY function (only for Disc/iPod)

AUTO STBY/SLEEP — Press and hold until the A.STBY indicator lights on the display.
- The A.STBY indicator starts flashing after playback stops. If no operation is done for about 3 minutes, the System turns off.
- Not applicable for FM/AM/AUDIO IN.

To cancel this function, press and hold again.

Precautions

Notes on the power cord
- When you are away on travel or otherwise for an extended period of time, remove the plug from the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.
- Do not handle the power cord with wet hands.
- Disconnect the power cord before cleaning the System or moving the System.
- Do not alter, twist or pull the power cord, or put anything heavy on it, which may cause fire, electric shock, or other accidents.
- If the cord is damaged, consult a dealer and have the power cord replaced with a new one.

Avoid moisture, water, dust, and high temperatures
- Do not place the System in moist or dusty places.
- If water gets inside the System, turn off the power and remove the plug from the wall outlet, then consult your dealer. Using the System in this state may cause a fire or electrical shock.
- Do not expose the System to direct sunlight or place it near a heating device.

Notes on installation
- Select a place which is level, dry and neither too hot nor too cold—between 5°C (41°F) and 35°C (95°F).
- Do not install the System in a place subject to vibrations.
- Do not put heavy objects on the System.

To prevent malfunction or damage of the System
- Do not insert any metallic objects, such as wires, hairpins, coins, etc. into the System.
- Do not block the vents.

There are no user-serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.

Maintenance

To get the best performance of the System, keep your discs and mechanism clean.

Handling discs
- Remove the disc from its case by holding it at the edge while pressing the center hole lightly.
- Do not touch the shiny surface of the disc, or bend the disc.
- Put the disc back in its case after use.
- Be careful not to scratch the surface of the disc when placing it back in its case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.

To clean the disc:
- Wipe the disc with a soft cloth in a straight line from center to edge.

Cleaning the System
- Stains should be wiped off with a soft cloth. If the System is heavily stained, wipe it with a cloth soaked in water-diluted neutral detergent and wrung well, then wipe clean with a dry cloth.
- Since the System may deteriorate in quality, become damaged or get its paint peeled off, be careful about the following:
  – DO NOT wipe it hard.
  – DO NOT wipe it with thinner or benzine.
  – DO NOT apply any volatile substance such as insecticides to it.
  – DO NOT allow any rubber or plastic to remain in contact for a long time.

Specifications

Amplifier section
OUTPUT POWER:
35 W per channel, min. RMS, driven into 4 Ω at 1 kHz with no more than 10% total harmonic distortion
Speakers/Impedance: 4 Ω – 16 Ω
Audio input AUDIO IN: 500 mV/50 kΩ (at "IN LVL1")
250 mV/50 kΩ (at "IN LVL2")
125 mV/50 kΩ (at "IN LVL3")
Digital input: iPod

Tuner section
FM tuning range: 87.5 MHz - 108.0 MHz
AM (MW) tuning range: 530 kHz - 1 710 kHz

CD player section
Dynamic range: 88 dB
Signal-to-noise ratio: 85 dB
Wow and flutter: Immeasurable

iPod section
iPod output power: DC 5 V ⎓ 500 mA

Speakers
Speaker units: 10 cm (3-15/16 inches) cone x 1
Impedance: 4 Ω
Dimensions (W x H x D) (approx.): 160 mm x 250 mm x 150 mm (6-5/16 inches x 9-7/8 inches x 5-15/16 inches)
Mass (approx.): 1.6 kg (3.6 lbs) each

General
Power requirements: AC 120 V ~, 60 Hz
Power consumption: 20 W (power on)
3.5 W (standby mode)
1 W or less (Save Mode)
Dimensions (W x H x D): 165 mm x 251 mm x 255 mm (6-1/2 inches x 9-15/16 inches x 10-1/16 inches)
Mass: 2.6 kg (5.8 lbs)

Specifications and appearance are subject to change without prior notice.

TO OUR VALUED CUSTOMER

THANK YOU FOR PURCHASING THIS JVC PRODUCT.
WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

NEED HELP ON HOW TO HOOK UP?
NEED ASSISTANCE ON HOW TO OPERATE?
NEED TO LOCATE A JVC SERVICE CENTER?
LIKE TO PURCHASE ACCESSORIES?

JVC® IS HERE TO HELP!
TOLL FREE: 1(800)252-5722
http://www.jvc.com

Remember to retain your Bill of Sale for Warranty Service.

Do not attempt to service the product yourself

Caution
To prevent electrical shock, do not open the cabinet.
There are no user serviceable parts inside.
Please refer to qualified service personnel for repairs.

BT-51018-5
(0306)

JVC® LIMITED WARRANTY

1-1 USA ONLY

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVC Americas Corp. (JVC) warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL RETAIL PURCHASER to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")

PARTS	LABOR
1 YR	1 YR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:
If this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis. Color televisions with a screen size of 27" or greater qualify for in-home service. In such cases, a technician will come to your home and either repair the TV there or remove and return it if it cannot be repaired in your home.

WHAT YOU MUST DO FOR WARRANTY SERVICE:
Please do not return your product to the retailer
Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s). Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvc.com. If your product qualifies for in-home service, the service representative will require clear access to the product.

If you have any questions concerning your JVC Product, please contact our Customer Care Center at 800-252-5722

WHAT IS NOT COVERED:
This limited warranty provided by JVC does not cover:
1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
9. Products used for commercial purposes, including, but not limited to rental.
10. Loss of data resultant from malfunction of hard drive or other data storage device;

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

JVC AMERICAS CORP.
1700 Valley Road, Wayne, New Jersey 07470
http://www.jvc.com

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:
Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet.
Retain this information for future reference.

Model No. :
Serial No. :
Purchase date :
Name of dealer :

JVC

MICRO COMPONENT SYSTEM

UX-GP5

—Consists of CA-UXGP5 and SP-UXG300

Made for iPod

COMPACT DIGITAL AUDIO **MP3/WMA Radio Data System**

Thank you for purchasing a JVC product.

INSTRUCTIONS

GVT0242-001A[B]
0108WMKMDWJMM
EN

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Warnings, Cautions and Others

CAUTION: ⏻/I (Standby/on) button!
Disconnect the mains plug to shut the power off completely (the STANDBY lamp goes off). When installing the apparatus, ensure that the plug is easily accessible. The ⏻/I (Standby/on) button in any position does not disconnect the mains line.
- When the System is on standby, the STANDBY lamp lights red.
- When the System is turned on, the STANDBY lamp goes off.

The power can be remote controlled.

CAUTION:
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

Dear Customer,

This apparatus is in conformance with the valid European directives and standards regarding electromagnetic compatibility and electrical safety.

European representative of Victor Company of Japan, Limited is:
JVC Technology Centre Europe GmbH
Company name changed in:
JVC Technical Services Europe GmbH
Postfach 10 05 52
61145 Friedberg
Germany

IMPORTANT for the U.K.

DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer.

BE SURE to replace the fuse only with an identical approved type, as originally fitted.
If nonetheless the mains plug is cut off ensure to remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply.

If this product is not supplied fitted with a mains plug then follow the instructions given below:

IMPORTANT:

DO NOT make any connection to the terminal which is marked with the letter E or by the safety earth symbol or coloured green or green-and-yellow.

The wires in the mains lead on this product are coloured in accordance with the following code:

Blue: Neutral
Brown: Live

As these colours may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

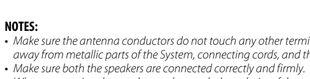
The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

IF IN DOUBT - CONSULT A COMPETENT ELECTRICIAN.

IMPORTANT FOR LASER PRODUCTS
1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover or cabinet. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

CAUTION	ATTENTION	AVISO	WARNING	注意	CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. (CDRH)	RAYONNEMENT LASER VISIBLE ET (OU) INVISIBLE DE CLASSE 1M EN CAS D'OUVERTURE. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FDA)	RADIACION LASER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTA ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTOS OPTICOS. (SNP)	SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	注意 このカバーを開けると クラス1Mの可視および不可視レーザー放射があります。光学機器で直接見ないでください。 (JPN)	CAUTION VISIBLE AND/OR INVISIBLE CLASS 1 LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FOR EU CPN LV44003-005A

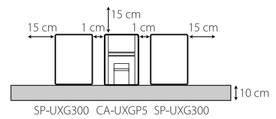


Information for Users on Disposal of Old Equipment [European Union only]

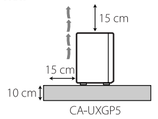
This symbol indicates that the product with this symbol should not be disposed as general household waste. If you want to dispose of this equipment, please do not use the ordinary dust bin! There is a separate collection System for these products.

CAUTION: Proper Ventilation
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
1. Front: No obstructions and open spacing.
2. Sides/Top/Back: No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

Front view



Side view



CAUTION:
- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Excessive sound pressure from earphones or headphones can cause hearing loss.

Precautions

Notes on the power cord
- When you are away on travel or otherwise for an extended period of time, remove the plug from the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.
- Do not handle the power cord with wet hands.
- Disconnect the power cord before cleaning the System or moving the System.
- Do not alter, twist or pull the power cord, or put anything heavy on it, which may cause fire, electric shock, or other accidents.
- If the cord is damaged, consult a dealer and have the power cord replaced with a new one.

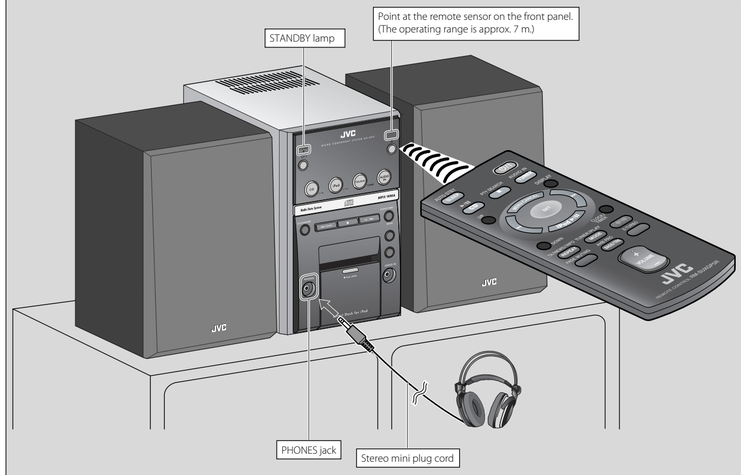
Avoid moisture, water, dust, and high temperatures
- Do not place the System in moist or dusty places.
- If water gets inside the System, turn off the power and remove the plug from the wall outlet, then consult your dealer. Using the System in this state may cause a fire or electrical shock.
- Do not expose the System to direct sunlight or place it near a heating device.

Notes on installation
- Select a place which is level, dry and neither too hot nor too cold—between 5°C and 35°C.
- Do not install the System in a place subject to vibrations.
- Do not put heavy objects on the System.

To prevent malfunction or damage of the System
- Do not insert any metallic objects, such as wires, hairpins, coins, etc. into the System.
- Do not block the vents.

There are no user-serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.

Basic and Common Operations


STANDBY lamp
Point at the remote sensor on the front panel. (The operating range is approx. 7 m.)
PHONES jack
Stereo mini plug cord

How to cancel the demonstration
Press and hold DEMO button while on standby. (Refer to the attached "Information about the demonstration function.")

Using Headphones
Be sure to turn down the volume before connecting or putting on the headphones.
- Connecting the headphones will deactivate the speakers.
- Sound adjustments also affect the sound through the headphones.

NOTE:
DO NOT turn off (standby) the System with the volume set to an extremely high level; otherwise, the sudden blast of sound can damage your hearing, speakers and/or headphones when you turn on the System or start playback.

To	Press: System	Press: Remote	Indication/Result
Turn on or off (standby) the power	⏻/I	⏻/I	The STANDBY lamp on the System turns off/on.
Select a source	CD	►II CD	See "Playing Back a Disc" on page 4 and "Listening to an iPod" on page 5.
	iPod	iPod ►II	
	TUNER	AUDIO IN TUNER	Press repeatedly to select "FM" or "AM." • For "FM/AM," see "Listening to FM and AM Broadcasts" on page 5.
	AUDIO IN	AUDIO IN TUNER	See "Listening to Digital Audio Player" on page 6.
Adjust the volume	+ VOLUME −	+ VOLUME −	Adjustable range: Level 0 ("VOL MIN") to level 40 ("VOL MAX").
Drop the volume in a moment	—	FADE MUTING	**To restore the volume,** press again, or adjust the volume level.
Activate the EALA surround mode	—	(( ))	The (( )) indicator lights up. **To cancel this function,** press repeatedly until (( )) indicator lights off.
Emphasize the sound (Sound Turbo function)	SOUND TURBO DEMO	S.TURBO	The S.TURBO indicator lights up. **To cancel this function,** press again.
Reinforce the bass sound (Active Hyper Bass Pro function)	—	AHB PRO BASS/TRE	Press and hold until the AHB indicator lights up. • When Sound Turbo function is activated (see above), this function cannot be activated. **To cancel this function,** press and hold again when Sound Turbo function is deactivated.
Adjust the tone (Bass/Treble)	—	AHB PRO BASS/TRE → + VOLUME −	Press once for adjusting the bass level; twice for treble level, then, press VOLUME +/–. Adjustable range: –3 to +3.
Change the display brightness	ECO/DIMMER	—	You can dim the display window and illumination lamp. While the System is turned on... ► DIM 1 ► DIM 2 ► DIM OFF (Canceled)
Change the display information (Clock and Source)	—	DISPLAY	For setting the clock, see "Setting the Clock and Using Timers" on page 6. • Not applicable for FM.
Set the Save Mode	ECO/DIMMER	—	Press when the System is on standby. Setting the save mode allows you to reduce power consumption by turning the display off while on standby. **To cancel this function,** press again when the System is on standby.

Getting Started

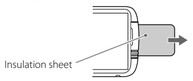
Supplied Accessories

After unpacking, check to be sure that you have all the following items.
- Remote control, RM-SUXGP5R (× 1)
- Lithium coin battery CR2025 (× 1)
  – The battery has been installed when shipped from the factory.
- AM loop antenna (× 1)
- FM antenna (× 1)

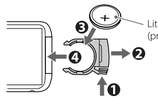
If anything is missing, consult your dealer immediately.

Prepare the Remote Control

When you use the remote control for the first time, pull out the insulation sheet.



To Replace the Battery in the Remote Control



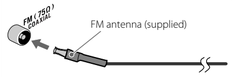
NOTES:
- *Store the battery in a place where children cannot reach. If a child accidentally swallows the battery, consult a doctor immediately.*
- *To prevent the battery from over-heating, cracking, or starting a fire:*
  – Do not recharge, short, disassemble or heat the battery or dispose of it in a fire.
  – Do not leave the battery with other metallic materials.
  – Wrap the battery with tape and insulate when throwing away or saving it.
  – Do not poke the battery with tweezers or similar tools.
- *Dispose of battery in the proper manner, according to federal, state, and local regulations.*
- *The batteries (battery pack or batteries installed) shall not be exposed to excessive heat source such as sunshine, fire or the like.*

CAUTION:
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

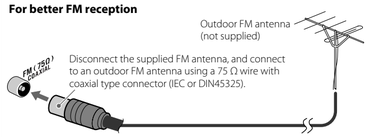
Connections

Do not connect the AC power cord until all other connections have been made.

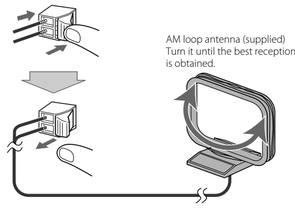
To connect the FM antenna (supplied)
Extend it so that you can obtain the best reception.



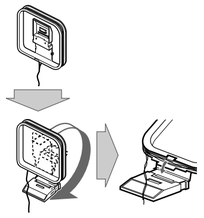
For better FM reception


Outdoor FM antenna (not supplied)
FM (75Ω COAXIAL)
Disconnect the supplied FM antenna, and connect to an outdoor FM antenna using a 75 Ω wire with coaxial type connector (IEC or DIN45325).

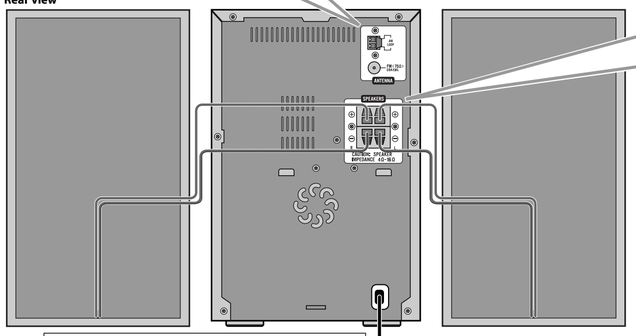
To connect the AM loop antenna (supplied)



To assemble the AM loop antenna

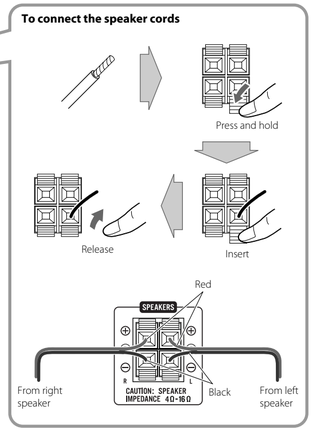


Rear view



To a wall outlet
Plug the AC power cord only after all connections are complete.

To connect the speaker cords



NOTES:
- *Make sure the antenna conductors do not touch any other terminals, connecting cords and power cord. Also, keep the antennas away from metallic parts of the System, connecting cords, and the AC power cord. This could cause poor reception.*
- *Make sure both the speakers are connected correctly and firmly.*
- *When connecting the speaker cords, match the polarity of the speaker terminals: red color to (+) and black color to (–).*
- *DO NOT connect more than one speaker to each terminal.*
- *DO NOT allow the conductor of the speaker cords to be in touch with the metallic parts of the System.*

Playing Back a Disc

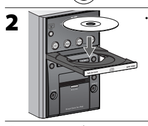
The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

This System can play back...
– CD.
– CD-R/CD-RW recorded in audio CD format (CD-DA) or recorded MP3/WMA files in ISO 9660 format.
- When playing back an MP3 or WMA track, MP3 or WMA indicator lights up.

Loading a Disc (on the System only)

1 ⏏ — Press to open the disc tray.

2



- When using an 8 cm disc, place it on the inner circle of the disc tray.

3 ⏏ — Press to close the disc tray.

Prohibiting Disc Ejection (on the System only)

You can lock the disc tray so that no one can eject the loaded disc.
- This is possible while the System is on standby.

■ + ⏏ — To cancel the prohibition, repeat the same procedure.

Basic Disc Operations

To	Press	Indication/Result
Play back the disc	►II CD	• Current track number and elapsed playing time appear. For MP3/WMA files: Before current track number and elapsed playing time appear, the tag information appears if it is recorded. • During playback, press again to pause.
Stop playback	PTY SEARCH ■	• While playback is stopped, total track number and total playing time (for MP3/WMA files, group number and track number) appear.
Select a track	►►I	Select the next tracks.
	I◄◄	To go back to the beginning of the current or previous tracks.
Select a group (MP3/WMA only)	UP	Select the next groups while playback is stopped.
	DOWN	Select the previous groups while playback is stopped.
Forward search/ Reverse search	►►►	Press and hold to fast-forward the track during playback. **To stop searching,** release the button.
	◄◄◄	Press and hold to fast-reverse the track during playback. **To stop searching,** release the button.

NOTES:
- *If no disc is inserted, "NO DISC" appears on the main display.*
- *If MP3/WMA files are not recorded on the disc, "NO PLAY" appears on the main display.*

Playing Repeatedly—Repeat Play

1 TA/NEWS/INFO REPEAT — Press repeatedly to specify the repeat mode as follows:
► REP TRK ► REP GRP ► REP ALL ► REP OFF

REP TRK: Repeats the current (or specified) track. [↻1]
REP GRP: Repeats all tracks in the current group (MP3/WMA only). [↻]
REP ALL: Repeats all tracks. [↻ ALL]
REP OFF: Normal playback

2 ►II CD

Programming the Playing Order—Program Play

1 TUNER/PLAY MODE — During stops, press until the PRGM (program) indicator lights up before playing.

2 UP or DOWN
- For MP3/WMA files: Select a group number, then a track number.
- For CD: Select a track number.

3 SET — Press to program the selected group/track.

4 Repeat steps **2** and **3** to program other tracks you want.
- If you try to program a 51st track, "FULL" will appear.

5 ►II CD — The tracks are played back in the programmed order.

Operations for Program Play (while not playing)
- **To check the programmed contents,** press I◄◄ or ►►I.
- **To add tracks,** repeat steps **2** and **3** above.
- **To erase the last programmed track,** press CANCEL.
- **To erase the entire program,** press and hold CANCEL for about 2 seconds.
- **To exit from program play,** press MODE.
  – The stored program is kept.

Playing at Random—Random Play

1 TUNER/PLAY MODE — Press until the RND (random) indicator lights up before you start playback.

2 ►II CD — Playback starts in random order.
Random Play ends when all tracks are played back.

Operations for Random Play
- **To skip a track,** press ►►I.
- **To go back to the beginning of the current track,** press I◄◄.
- **To exit from random play,** press MODE while playback is stopped.

RESUME Play
When you stop the playback by one of the following operations, this System stores the beginning of the stopped track on the disc.
– Pressing ■ once
– Changing the source

When you start playback again, playback starts from the stored position.
To clear the stored position, open the disc tray.
- When you clear the stored position and start playback, playback starts from the beginning of the first track.

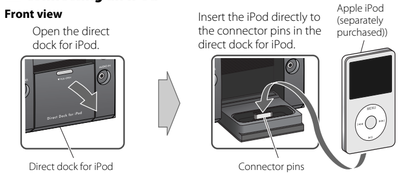
NOTE:
This function does not work in Program Play and Random Play.

Listening to an iPod

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

Connecting an iPod

Front view


Open the direct dock for iPod.
Insert the iPod directly to the connector pins in the direct dock for iPod.
Apple iPod (separately purchased))
Direct dock for iPod
Connector pins

- Be sure to reduce the volume on the System to the minimum level before connecting an iPod. Adjust the volume after starting playback.
- DO NOT connect or disconnect the iPod when the System is turned on.
- You cannot send any data to your iPod from the System.
- Do not carry the System with iPod dock open and iPod is connected. You might drop it or it might cause damages to the iPod dock.
- Do not touch or hit the iPod terminal pins or connector pins in the iPod dock directly. It might cause damages to the connector part.

Basic iPod Operations

To	Press	Indication/Result
Play back an iPod	iPod ▶ II	The System detects the iPod and starts playback. • **To turn off the iPod,** press and hold for more than 2 seconds.
Select a track	⏭	Select the next tracks. • Press and hold to fast-forward the track during playback. **To stop searching,** release the button.
	⏮	To go back to the beginning of the current or previous tracks. • Press and hold to fast-reverse the track during playback. **To stop searching,** release the button.
Change the charge mode (on the System only)	■	Press and hold while "iPod" is selected as the source. To select the charge mode: P. ON ⇄ P. OFF **P. ON:** The battery in the iPod is charged through the iPod terminal when "iPod" is selected as the source or during Standby Mode. **P. OFF:** The battery is not charged.
Display the menu/ Go back to the previous menu	MENU/CANCEL	—

To	Press	Indication/Result
Select an item on the menu	UP or DOWN, SET	• The UP/DOWN buttons work in the same way as operating the iPod's click wheel counterclockwise/clockwise. (Refer to the iPod's instruction manual for details.)
Play back at random	TUNER/PLAY MODE	• Refer to the iPod's instruction manual for details.
Play back repeatedly	TA/NEWS/INFO REPEAT	• Refer to the iPod's instruction manual for details.
Turn on iPod's backlight	DISPLAY	Press and hold for 2 seconds.

Listening to FM and AM Broadcasts

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

Basic Tuner Operations

To	Press	Indication/Result
Select FM or AM	AUDIO IN TUNER	Press repeatedly. • The selected frequency band appear.
Select a frequency	⏮ or ⏭	Press and hold for more than 2 seconds. The System starts searching for stations and stops when a station of sufficient signal strength is tuned in. • If an FM program is broadcast in stereo, the S (stereo) indicator lights up (only when the reception is good). • Press during searching to stop. • Press repeatedly to change the frequency step by step.
Tune in to a preset station	UP or DOWN	Press to select its preset number. • For presetting stations, see below.
Change the FM reception mode (When an FM stereo broadcast is hard to receive)	TUNER/PLAY MODE	Press to improve reception. The M (mono) indicator lights up. Stereo effect will be lost. **To restore the stereo effect,** press again.

Presetting Stations

You can preset 30 FM and 15 AM stations manually.

1 Tune in to a station you want to preset.
- You can also store the FM reception mode.

2 SET — Press to activate the preset number entry mode.
- Finish the following steps while the indication on the display is flashing.

3 UP or DOWN — Press to select a preset number for the station you want to store.

4 SET — Press to store the station.

Receiving FM Stations with Radio Data System

Radio Data System allows FM stations to send an additional signal along with their regular program signals.
With the System, you can receive the following types of Radio Data System signals.

PS (Program Service): Shows commonly known station names.
PTY (Program Type): Shows types of broadcast programs.
RT (Radio Text): Shows text messages the station sends.
Enhanced Other Networks: Provides the information about the types of the programs broadcast by the Radio Data System stations of the different networks.

NOTE:
If you want to know more about Radio Data System, visit <http://www.rds.org.uk>.

Changing the Radio Data System Information

Each time you press the button, the information changes as follows:

DISPLAY

PS → PTY → RT → Frequency → (Non-Radio Data System signal) → PS

NOTE:
If no Radio Data System signals are sent by a station, "NO PS," "NO PTY," or "NO RT" appears.

Searching for Programs by PTY Codes (PTY Search)

You can locate a particular kind of program from the preset stations (see the left column) by specifying the PTY codes.

1 PTY SEARCH — Press to enter the PTY code setting mode. "PTY" and "SELECT" appear alternately.

2 UP or DOWN — Select a PTY code.

3 PTY SEARCH — The System searches for 30 preset FM stations, stops when it finds the one you have selected, and tunes in to that station.

- **To stop searching any time during search,** press PTY SEARCH.
- **To continue searching after it stops on an unwanted station,** press PTY SEARCH while the indications on the display are flashing.

NOTE:
If no program is found, "NOTFOUND" appears.

Switching Temporarily to a Program of Your Choice Automatically

The Enhanced Other Networks function allows the System to switch temporarily to a preset FM station broadcasting a program of your choice (TA, NEWS, or INFO).
- This function works while listening to an FM station providing the required signals.

Press repeatedly to select the program type as follows:

TA/NEWS/INFO

TA → NEWS → INFO → OFF

TA: Traffic announcement in your area.
NEWS: News
INFO: Program the purpose of which is impart advice in the widest sense.

Learning More about This System

Basic and Common Operations (see page 3)
- Pressing one of the source buttons also turns on the System and starts playing back if the source is ready or connected.

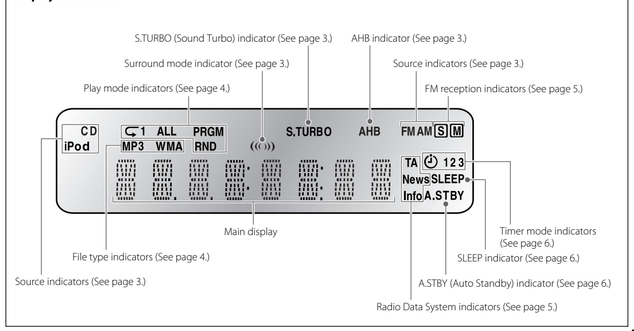
Playing Back a Disc (see page 4)
- This System cannot play "packet write" discs.
- For MP3/WMA playback...
  - In this manual, "file" and "track" are interchangeably used for MP3/WMA operations.
  - This System can show the Tag data (Version 1).
  - MP3/WMA discs are required a longer readout time than regular CDs. (It depends on the complexity of the group/file configuration.)
  - Some MP3/WMA files cannot be played back and will be skipped. This result from their recording processes and conditions.
  - When making MP3/WMA discs, use ISO 9660 Level 1 or Level 2 for the disc format.
  - This System can play back MP3/WMA files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).
  - It is recommended that you make each MP3/WMA file at a sampling rate of 44.1 kHz and at bit rate of 128 kbps. This System cannot play back files made at bit rate of less than 64 kbps.
  - Playback order of MP3/WMA tracks may be different from the one you have intended while recording. If a folder does not include MP3/WMA tracks, they are ignored.
- This System can recognize up to 99 groups in a disc. The total number of groups and tracks (in a disc) that can be recognized by the System is 512 (for MP3/WMA).

Playing Back an iPod (see page 5)
- Compatible iPod:
  - iPod nano 1GB/2GB/4GB
  - iPod nano (2nd Generation) 2GB/4GB/8GB
  - iPod nano (3rd Generation) 4GB/8GB
  - iPod mini 4GB/6GB
  - iPod (4th Generation) 20GB/40GB
  - iPod photo (4th Generation) 20GB/30GB/40GB/60GB
  - iPod video (5th Generation) 30GB/60GB/80GB
  - iPod touch (1st Generation) 8GB/16GB
- If incompatible iPod type is connected, the iPod may not be operated from the System. To enable the operation, before connecting the iPod, switch the charge mode to "OFF" (see page 5) with "iPod" selected as source.
- Sound distortion may occur when playing back audio sources with high recording levels. When distortion occurs, it is recommended to turn off the equalizer of the iPod. For information on operating the iPod, see the iPod instruction manual.

Setting the Clock and Using Timers (see page 6)
- You can set the clock and Daily Timer while the Save Mode is turned on. While setting the clock or Daily Timer, the display is turning on.
- The clock may gain or lose 1 to 2 minutes per month. If this happens, readjust the clock.
- When you unplug the AC power cord or if a power failure occurs, the clock and the timer will be canceled. You need to set the clock first, then the timer again.

Timer Priority:
- If you set the Sleep Timer after Daily Timer starts playing the selected source, Daily Timer is canceled.

Display Information


S.TURBO (Sound Turbo) indicator (See page 3.)
AHB indicator (See page 3.)
Surround mode indicator (See page 3.)
Source indicators (See page 3.)
Play mode indicators (See page 4.)
FM reception indicators (See page 5.)
CD
iPod
1 ALL PRGM
MP3 WMA RND
S.TURBO
AHB
FM AM S M
TA 1 2 3
News SLEEP
Info A.STBY
Main display
Timer mode indicators (See page 6.)
File type indicators (See page 4.)
SLEEP indicator (See page 6.)
Source indicators (See page 3.)
A.STBY (Auto Standby) indicator (See page 6.)
Radio Data System indicators (See page 5.)

Troubleshooting

If you are having a problem with your System, check this list for a possible solution before calling for service.

General

Power does not come on.
➡ Power plug is not inserted securely. Plug in securely.

Adjustments or settings are suddenly canceled before you finish.
➡ There is a time limit. Repeat the procedure again.

Operations are disabled.
➡ The built-in microprocessor may malfunction due to external electrical interference. Unplug the AC power cord and then plug it back in.

Unable to operate the System from the remote control.
➡ The path between the remote control and the remote sensor on the System is blocked.
➡ The batteries are exhausted.

No sound is heard.
➡ Speaker connections are incorrect or loose.
➡ Headphones are connected.

The System does not work properly.
➡ Many functions of this System are implemented by microcomputers. If the System does not work correctly, disconnect the AC power cord from the wall outlet, wait for a while, and connect the cord again.

Disc Operations

The disc does not play.
➡ The disc is placed upside down. Place the disc with the label side up.
➡ The disc is recorded with the "packet writing (UDF file system)." It cannot be played. Check the files you want to play back.

MP3/WMA groups and tracks are not played back as you expect.
➡ Playing order is determined when the groups and tracks were recorded. It depends on the writing application.

The disc sound is discontinuous.
➡ The disc is scratched or dirty.

The disc tray does not open or close.
➡ The AC power cord is not plugged in.
➡ Disc ejection is prohibited (see page 4).

iPod Operations

The iPod does not play, but "CONNECT" appears on the display.
➡ The iPod battery is low or exhausted. Charge the iPod battery.

Radio Operations

Hard to listen to broadcasts because of noise.
➡ Antennas connections are incorrect or loose.
➡ The AM loop antenna is too close to the System.
➡ The FM antenna is not properly extended and positioned.
➡ Electrostatic discharge from your body may cause noise. If this happens, turn off and on the System again.

Timer Operations

Daily Timer does not work.
➡ The System has been turned on when the on-time comes. Timer starts working only when the System is turned off.

How the Enhanced Other Networks function actually works:

When a station starts broadcasting the program of your choice, the System automatically switches to the station. The program type indicator starts flashing.
After the program is over, the System goes back to the previously tuned station, but the function still remains active (the indicator stops flashing and remains lit).

Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

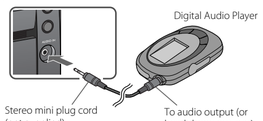
iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

Listening to Digital Audio Player

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

Listening to Digital Audio Player

Front view



1 VOLUME — Turn the volume to minimum.

2 AUDIO IN TUNER — Press repeatedly to select "AUDIO IN."

3 Start playing the Digital Audio Player connected.

4 Adjust the volume.

To Adjust the Audio Input Level

If the sound from the Digital Audio Player connected to the AUDIO IN jack is too loud or too quiet, you can change the audio input level through the AUDIO IN jack (without changing the volume level).

SET — Press and hold for more than 2 seconds while "AUDIO IN" is selected as the source.
You can select one of three levels as follows:

IN_LVL1 → IN_LVL2 → IN_LVL3

As the number increases, the sound becomes louder.

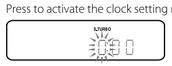
Setting the Clock and Using Timers

The following operations are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

Setting the Clock

Without setting the built-in clock, you cannot use Daily Timer and Sleep Timer.
- "0:00" flashes on the main display until you set the clock.

1 CLOCK TIMER — Press to activate the clock setting mode.



- If you have already adjusted the clock before, press the button repeatedly until the clock setting mode is selected.

2 UP or DOWN, SET — Adjust the hour, then the minute.

- **To exit from the clock setting,** press CLOCK/TIMER as required.
- **To go back to the previous step,** press CANCEL.

Setting the Sleep Timer

AUTO STBY SLEEP — When the System is on, press repeatedly to specify the time (in minutes) as follows:

10 → 20 → 30 → 60 → 90 → 120 → 150 → 180 → Canceled

The SLEEP indicator lights up.

- **To check the remaining time until the System shuts off,** press once.

Setting the Daily Timer

Using Daily Timer, you can wake up with your favorite music.
- You can store three Daily Timer settings; however, you can activate only one of the Daily Timers.

1 CLOCK TIMER — Press repeatedly to select one of the timer setting modes you want to set—DAILY 1 ON time, DAILY 2 ON time, or DAILY 3 ON time—as follows:

DAILY 1 Timer (DAILY 1 → ON (Time)) → DAILY 2 Timer (DAILY 2 → ON (Time)) → DAILY 3 Timer (DAILY 3 → ON (Time)) → Clock setting mode → Canceled → DAILY 1 Timer

2 UP or DOWN, SET
① Adjust the hour then the minute for on-time.
② Adjust the hour then the minute for off-time.
③ Select the playback source—"TUNER-FM," "TUNER-AM," "DISC," "AUDIO IN," or "IPOD."
④ For "FM/AM": Select a preset channel.
For "DISC": Select a track. (For MP3/WMA: Select the group, then the track number.).
For "AUDIO IN": Make the connected device ready for playback.
⑤ Select the volume.
- You can select the volume level ("VOLUME 0" (VOL MIN) to "VOLUME 40" (VOL MAX) and "VOLUME – –"). If you select "VOLUME – –," the volume is set to the last level when the System is turned off.

3 ⏻/I — Turn off the System (on standby).
- When the on-time comes, the System sets the volume gradually to the preset level.

- **To exit from the timer setting,** press CLOCK/TIMER as required.
- **To correct a misentry during the process,** press CANCEL. You can return to the previous step.

To Turn Off the Daily Timer

① Press repeatedly to select "DAILY 1," "DAILY 2," or "DAILY 3."
② CLOCK TIMER / TIMER/CANCEL

To turn on the Daily Timer again, select one of the timer settings by pressing CLOCK/TIMER, then press SET.

Turning Off the System Automatically —AUTO STANDBY function (only for Disc/iPod)

AUTO STBY SLEEP — Press and hold until the A.STBY indicator lights on the display.
- The A.STBY indicator starts flashing after playback stops. If no operation is done for about 3 minutes, the System turns off.
- Not applicable for FM/AM/AUDIO IN.

To cancel this function, press and hold again.

Maintenance

To get the best performance of the System, keep your discs and mechanism clean.

Handling discs
- Remove the disc from its case by holding it at the edge while pressing the center hole lightly.
- Do not touch the shiny surface of the disc, or bend the disc.
- Put the disc back in its case after use.
- Be careful not to scratch the surface of the disc when placing it back in its case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.

To clean the disc:
- Wipe the disc with a soft cloth in a straight line from center to edge.

Cleaning the System
- Stains should be wiped off with a soft cloth. If the System is heavily stained, wipe it with a cloth soaked in water-diluted neutral detergent and wrung well, then wipe clean with a dry cloth.
- Since the System may deteriorate in quality, become damaged or get its paint peeled off, be careful about the following:
  – DO NOT wipe it hard.
  – DO NOT wipe it with thinner or benzine.
  – DO NOT apply any volatile substance such as insecticides to it.
  – DO NOT allow any rubber or plastic to remain in contact for a long time.

Specifications

Amplifier section
OUTPUT POWER:
60 W (30 W + 30 W) at 4 Ω (10% THD)
Speakers/Impedance: 4 Ω – 16 Ω
Audio input AUDIO IN: 500 mV/50 kΩ (at "IN LVL1")
250 mV/50 kΩ (at "IN LVL2")
125 mV/50 kΩ (at "IN LVL3")
Digital input: iPod

Tuner section
FM tuning range: 87.50 MHz - 108.00 MHz
AM (MW) tuning range: 522 kHz - 1 629 kHz

CD player section
Dynamic range: 88 dB
Signal-to-noise ratio: 85 dB
Wow and flutter: Immeasurable

iPod section
iPod output power: DC 5 V ⎓ 500 mA

Speakers
Speaker units: 10 cm cone x 1
Impedance: 4 Ω
Dimensions (approx.): 160 mm x 250 mm x 150 mm (W/H/D)
Mass (approx.): 1.6 kg each

General
Power requirements: AC 230 V ~, 50 Hz
Power consumption: 20 W (power on)
6.5 W (standby mode)
1 W or less (Save Mode)
Dimensions (W x H x D): 165 mm x 251 mm x 255 mm
Mass: 2.6 kg

Specifications and appearance are subject to change without prior notice.

SAFETY INSTRUCTIONS
"SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT"

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

★★

Do read the operating instructions before you attempt to use the equipment.

Do ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections.

Do consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

Do be careful with glass panels or doors on equipment.

★★

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way—switch off, withdraw the mains plug and consult your dealer.

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode.

Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

DON'T listen to headphones at high volume as such use can permanently damage your hearing.

DON'T obstruct the ventilation of the equipment, for example with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment.

DON'T use makeshift stands and NEVER fix legs with wood screws—to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T allow electrical equipment to be exposed to rain or moisture.

ABOVE ALL

– NEVER let anyone, especially children, push anything into holes, slots or any other opening in the case —this could result in a fatal electrical shock.;

– NEVER guess or take chances with electrical equipment of any kind—it is better to be safe than sorry!